

# ATHLETIC TRAINING, M.S.

## Concentrations

- Anatomy Education (p. 1)
- Biomechanics (p. 1)
- Sport Performance (p. 2)

## Master of Science in Athletic Training (No Concentration)

Code	Title	Units
<b>Required Courses</b>		
ANA 6002	Gross Anatomy of the Musculoskeletal System	3
ATR 6000	Seminar in Athletic Training	1
ATR 6005	Research Methods and Statistical Techniques for Clinical Decision Making in Medicine	3
ATR 6007	Research Project Seminar	1
ATR 6010 and ATR 6010L	Therapeutic Interventions and Therapeutic Interventions Lab	4
ATR 6011	Advanced Functional Movement Interventions	3
ATR 6015 and ATR 6015L	Therapeutic Agents and Therapeutic Agents Lab	3
ATR 6020	Pharmacology for Allied Health Care Professionals	2
ATR 6065	Leadership and Management in Athletic Training	3
ATR 6085	General Medical Conditions and Medical Terminology	3
ATR 6087 and ATR 6087L	Evidence-Based Orthopedic Assessment of the Lower Extremity and Evidence-Based Orthopedic Assessment of the Lower Extremity Lab	4
ATR 6088 and ATR 6088L	Evidence-Based Orthopedic Assessment of the Spine and Upper Extremities and Evidence-Based Orthopedic Assessment of the Spine and Upper Extremities Lab	4
ATR 6090	Clinical Internship I	3
ATR 6091	Clinical Internship II	3
ATR 6092	Clinical Preceptorship	3
ATR 6093	Clinical Practicum I	3
ATR 6094	Clinical Practicum II	3
ATR 6099	Athletic Training Capstone	2
KIN 6010	Evidence-Based Practice and Decision Making in Kinesiology	3
OCC 6004	Health and Equity Disparities	1
Choose a minimum of five (5) additional units from the following:		5-6
ANA 6000	Clinical Anatomy	
ANA 6003	Teaching and Learning Anatomy	
ANA 6004	Anatomy Clinical Practice	
KIN 6015	Biomechanical and Neurological Basis of Human Movement	
KIN 6025	Special Topics in Health, Well-Being, Exercise, and Sports Science	
KIN 6065	Sport and Tactical Strength and Conditioning	
KIN 6088	Internship or Practicum in Kinesiology	
<b>Total Units</b>		<b>60-61</b>

## Anatomy Education Concentration

Code	Title	Units
<b>Required Courses</b>		
ANA 6002	Gross Anatomy of the Musculoskeletal System	3
ATR 6000	Seminar in Athletic Training	1
ATR 6005	Research Methods and Statistical Techniques for Clinical Decision Making in Medicine	3
ATR 6007	Research Project Seminar	1
ATR 6010 and ATR 6010L	Therapeutic Interventions and Therapeutic Interventions Lab	4
ATR 6011	Advanced Functional Movement Interventions	3
ATR 6015 and ATR 6015L	Therapeutic Agents and Therapeutic Agents Lab	3
ATR 6020	Pharmacology for Allied Health Care Professionals	2
ATR 6065	Leadership and Management in Athletic Training	3
ATR 6085	General Medical Conditions and Medical Terminology	3
ATR 6087 and ATR 6087L	Evidence-Based Orthopedic Assessment of the Lower Extremity and Evidence-Based Orthopedic Assessment of the Lower Extremity Lab	4
ATR 6088 and ATR 6088L	Evidence-Based Orthopedic Assessment of the Spine and Upper Extremities and Evidence-Based Orthopedic Assessment of the Spine and Upper Extremities Lab	4
ATR 6090	Clinical Internship I	3
ATR 6091	Clinical Internship II	3
ATR 6092	Clinical Preceptorship	3
ATR 6093	Clinical Practicum I	3
ATR 6094	Clinical Practicum II	3
ATR 6099	Athletic Training Capstone	2
KIN 6010	Evidence-Based Practice and Decision Making in Kinesiology	3
OCC 6004	Health and Equity Disparities	1
<b>Concentration Courses</b>		
ANA 6000	Clinical Anatomy	3
or ANA 5000	Clinical Anatomy	
ANA 6003	Teaching and Learning Anatomy	1
or ANA 5003	Teaching and Learning Anatomy	
ANA 6004	Anatomy Clinical Practice	2
or ANA 5004	Anatomy Clinical Practice	
<b>Total Units</b>		<b>61</b>

## Biomechanics Concentration

Code	Title	Units
<b>Required Courses</b>		
ANA 6002	Gross Anatomy of the Musculoskeletal System	3
ATR 6000	Seminar in Athletic Training	1
ATR 6005	Research Methods and Statistical Techniques for Clinical Decision Making in Medicine	3
ATR 6007	Research Project Seminar	1
ATR 6010 and ATR 6010L	Therapeutic Interventions and Therapeutic Interventions Lab	4
ATR 6011	Advanced Functional Movement Interventions	3

ATR 6015 and ATR 6015L	Therapeutic Agents and Therapeutic Agents Lab	3
ATR 6020	Pharmacology for Allied Health Care Professionals	2
ATR 6065	Leadership and Management in Athletic Training	3
ATR 6085	General Medical Conditions and Medical Terminology	3
ATR 6087 and ATR 6087L	Evidence-Based Orthopedic Assessment of the Lower Extremity and Evidence-Based Orthopedic Assessment of the Lower Extremity Lab	4
ATR 6088 and ATR 6088L	Evidence-Based Orthopedic Assessment of the Spine and Upper Extremities and Evidence-Based Orthopedic Assessment of the Spine and Upper Extremities Lab	4
ATR 6090	Clinical Internship I	3
ATR 6091	Clinical Internship II	3
ATR 6092	Clinical Preceptorship	3
ATR 6093	Clinical Practicum I	3
ATR 6094	Clinical Practicum II	3
ATR 6099	Athletic Training Capstone	2
KIN 6010	Evidence-Based Practice and Decision Making in Kinesiology	3
OCC 6004	Health and Equity Disparities	1
<b>Concentration Courses</b>		
KIN 6015	Biomechanical and Neurological Basis of Human Movement	3
KIN 6088	Internship or Practicum in Kinesiology (3 units required)	3
<b>Total Units</b>		<b>61</b>

## Sport Performance Concentration

Code	Title	Units
<b>Required Courses</b>		
ANA 6002	Gross Anatomy of the Musculoskeletal System	3
ATR 6000	Seminar in Athletic Training	1
ATR 6005	Research Methods and Statistical Techniques for Clinical Decision Making in Medicine	3
ATR 6007	Research Project Seminar	1
ATR 6010 and ATR 6010L	Therapeutic Interventions and Therapeutic Interventions Lab	4
ATR 6011	Advanced Functional Movement Interventions	3
ATR 6015 and ATR 6015L	Therapeutic Agents and Therapeutic Agents Lab	3
ATR 6020	Pharmacology for Allied Health Care Professionals	2
ATR 6065	Leadership and Management in Athletic Training	3
ATR 6085	General Medical Conditions and Medical Terminology	3
ATR 6087 and ATR 6087L	Evidence-Based Orthopedic Assessment of the Lower Extremity and Evidence-Based Orthopedic Assessment of the Lower Extremity Lab	4
ATR 6088 and ATR 6088L	Evidence-Based Orthopedic Assessment of the Spine and Upper Extremities and Evidence-Based Orthopedic Assessment of the Spine and Upper Extremities Lab	4

ATR 6090	Clinical Internship I	3
ATR 6091	Clinical Internship II	3
ATR 6092	Clinical Preceptorship	3
ATR 6093	Clinical Practicum I	3
ATR 6094	Clinical Practicum II	3
ATR 6099	Athletic Training Capstone	2
KIN 6010	Evidence-Based Practice and Decision Making in Kinesiology	3
OCC 6004	Health and Equity Disparities	1
<b>Concentration Courses</b>		
KIN 6025	Special Topics in Health, Well-Being, Exercise, and Sports Science	3
KIN 6065	Sport and Tactical Strength and Conditioning	3
<b>Total Units</b>		<b>61</b>